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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Douglas TEEPLE et al.

Serial No: 09/893,323

Filed: June 26, 2001

For: MEDIATION SOFTWARE FOR
DELIVERY OF INTERACTIVE MOBILE
MESSAGING AND PERSONALIZED
CONTENT TO MOBILE DEVICES

Art Unit: 2152

Examiner: Not assigned

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PRELIMINARY AMENDMENT

Box MISSING PARTS
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to the first Office Action in the present application, please enter and consider the following amendments and remarks:

IN THE DRAWINGS:

The applicant proposes to amend drawing figures 1-4 as indicated in red ink on copies thereof, enclosed herein for the Examiner's approval. No new matter is introduced.

IN THE SPECIFICATION:

Please replace the paragraph on page 7, line 23 to page 8, line 4 with the following paragraph:

In an exemplary exchange, an end-user uses client system 100 to execute a browser program stored in memory 130 to request, retrieve, and display network documents such as Web pages. Each request by client system 100 for retrieval of a network document is formulated in accordance with the network protocol (e.g., HTTP) and transmitted across network 135 to server system 150. Server system 150 receives HTTP requests such as request 144 and processes them using the

HTTP server software (e.g., standard network server software) stored in memory 170. The HTTP server software of server system 150 then instructs CPU 160 to retrieve HTML Web page 145 from data stored in memory 170 and to transmit a copy of HTML Web page 145 back to client system 100 for display on display 110.

Please replace the paragraph on page 23, line 15 to 24 with the following paragraph:

Figure 5 is a block diagram of the Universal Bit Broker system according to one embodiment of the present invention. As shown, the system includes Universal Bit Broker 500 in communication with billing system 700, database 800, an OA&M and provisioning system 805 and a host of servers and gateways via IP networks 510 and 520. The host of servers includes, but are not limited to, Web content host 501, Message server 502, email server 503 and multimedia message server 504. Web content host 501 transmits data using HTTP. Message server 502 transmits data using multiple messaging standards such as instant messaging (IM), short message service (SMS) and enhanced message service (EMS). Email server 503 transmits data using simple mail transfer protocol (SMTP) and multimedia message server 504 transmits data using multimedia message services (MMS).

REMARKS

The applicant proposes to amend drawing figures 1-4 as shown in red ink on copies thereof, enclosed herein for the Examiner's approval. A set of clean copies of all drawings (as amended) is also enclosed as substitute drawings, as required by the Notice to File Missing Parts issued August 15, 2001.

In Fig. 1, the reference symbol "105" is deleted because it is not mentioned in the specification. The reference symbol that designates the "HTTP Request" is changed from "140" to "144" because "140" is used to designate the system bus. Reference symbol 160 is added to designate the CPU, as described in the specification on page 7, line 16.

In Fig. 2, the text inside box 275 is changed to read "Web server", as described in the specification on page 10, line 10. Text "Web Server" is added inside box 220, as described in the specification on page 8, line 10.

In Fig. 3, text "URL" and reference symbol "44" are added as described in the specification on page 11, line 27.

In Fig. 4, the reference symbol "94" is deleted because it is not mentioned in the specification.

The specification is amended to be consistent with the amended drawings. No new matter is introduced. Specifically, on page 7, line 28, "140" is changed to "144" because "140" is used to designate the system bus. On page 23, line 17, the phrase "an OA&M and provisioning system 805" is added. This system was shown in Fig. 5 of the original filing, but was omitted from the specification.

Favorable consideration of the application, as amended, is respectfully requested.

Respectfully submitted,

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By:


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Version with markings to show changes made:

The paragraph on page 7, line 23 to page 8, line 4:

In an exemplary exchange, an end-user uses client system 100 to execute a browser program stored in memory 130 to request, retrieve, and display network documents such as Web pages. Each request by client system 100 for retrieval of a network document is formulated in accordance with the network protocol (e.g., HTTP) and transmitted across network 135 to server system 150. Server system 150 receives HTTP requests such as request [140] 144 and processes them using the HTTP server software (e.g., standard network server software) stored in memory 170. The HTTP server software of server system 150 then instructs CPU 160 to retrieve HTML Web page 145 from data stored in memory 170 and to transmit a copy of HTML Web page 145 back to client system 100 for display on display 110.

The paragraph on page 23, line 15 to 24:

Figure 5 is a block diagram of the Universal Bit Broker system according to one embodiment of the present invention. As shown, the system includes Universal Bit Broker 500 in communication with billing system 700, database 800, an OA&M and provisioning system 805 and a host of servers and gateways via IP networks 510 and 520. The host of severs includes, but are not limited to, Web content host 501, Message server 502, email server 503 and multimedia message server 504. Web content host 501 transmits data using HTTP. Message server 502 transmits data using multiple messaging standards such as instant messaging (IM), short message service (SMS) and enhanced message service (EMS). Email server 503 transmits data using simple mail transfer protocol (SMTP) and multimedia message server 504 transmits data using multimedia message services (MMS).

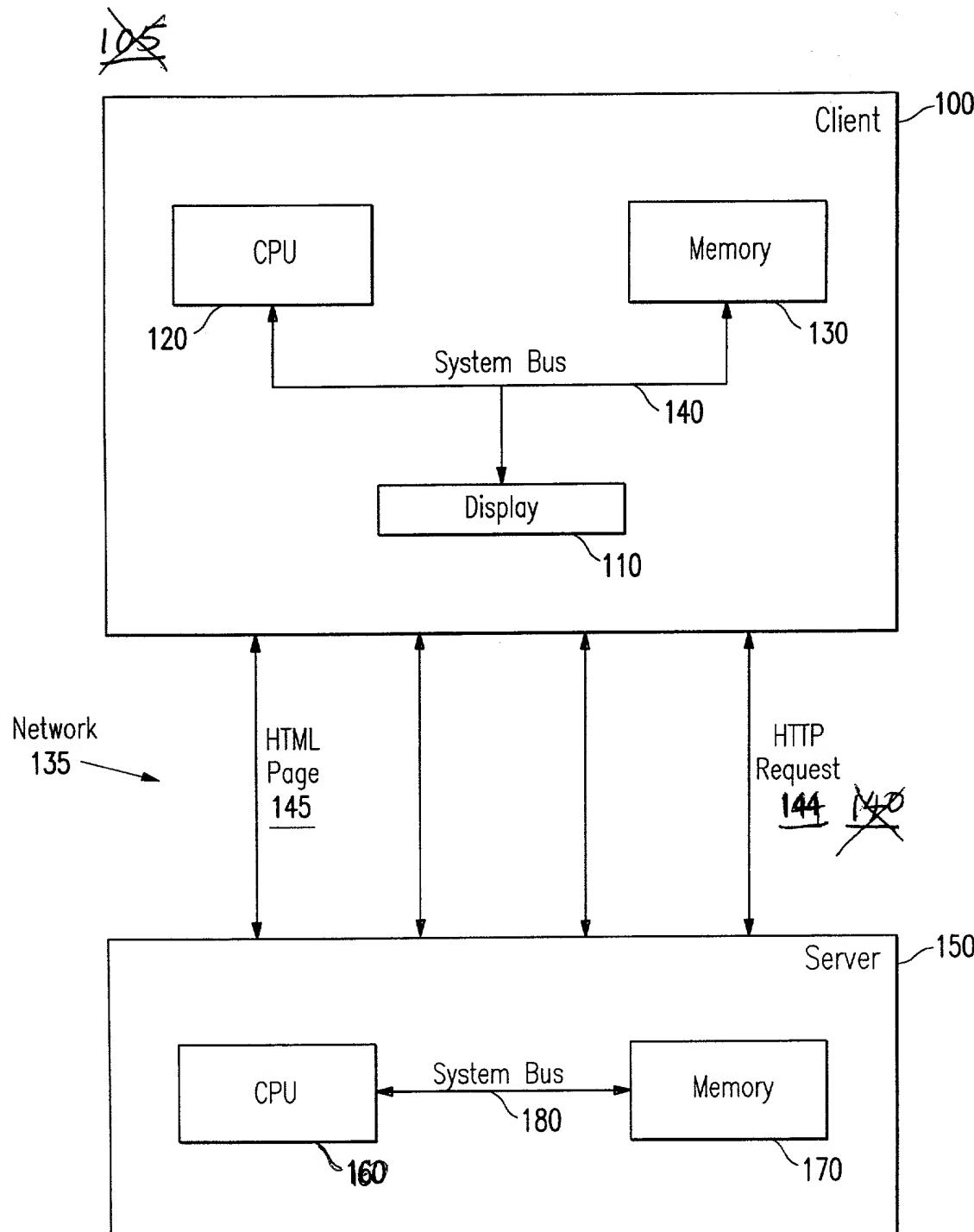


FIG. 1

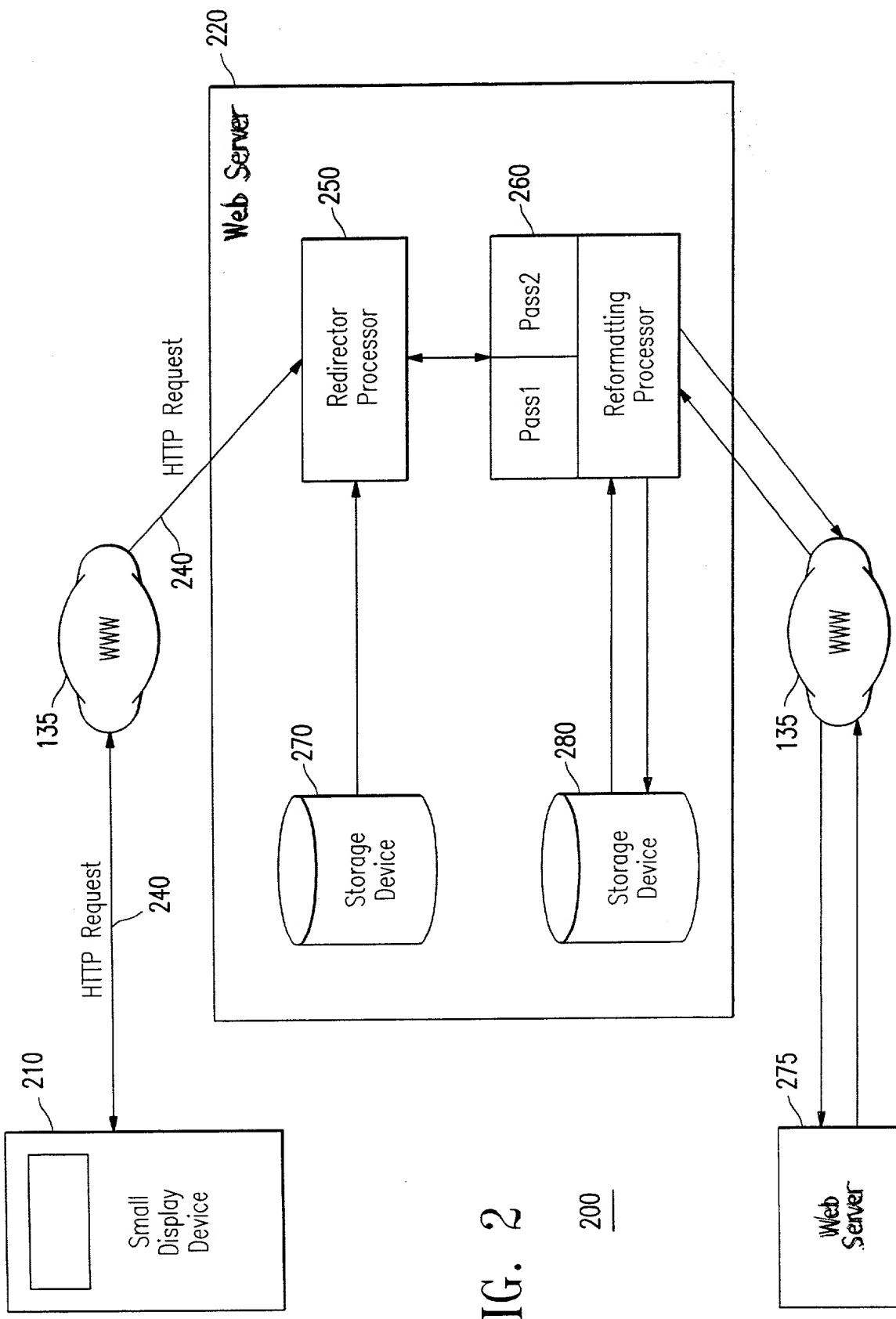
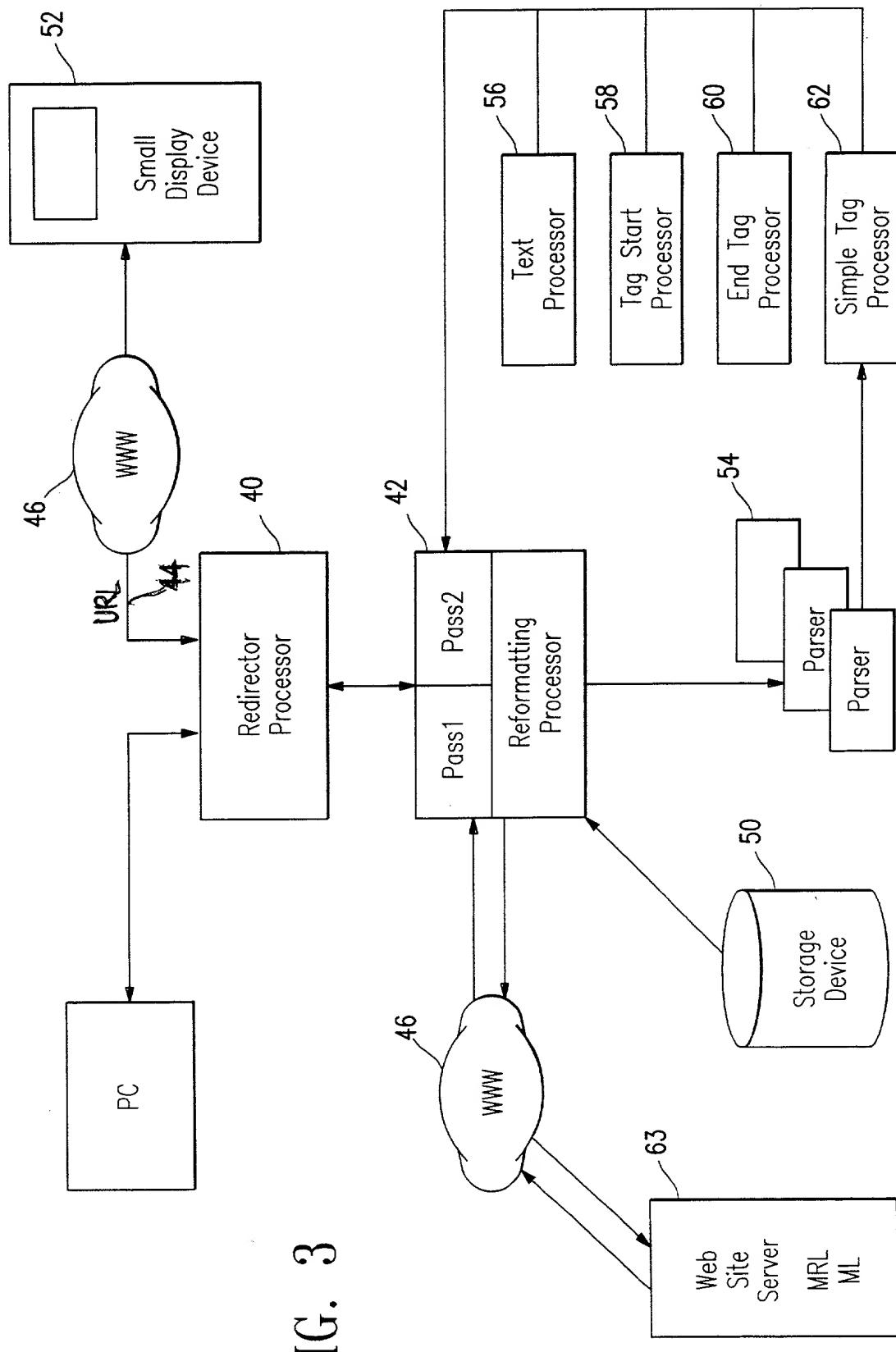


FIG. 2



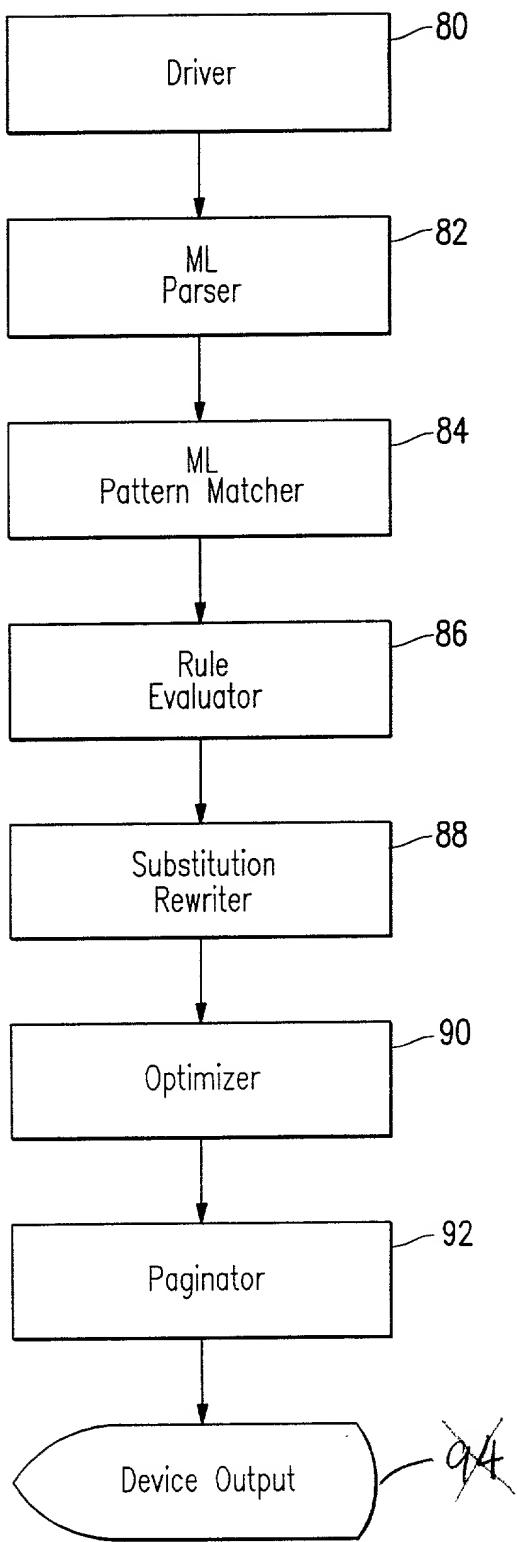


FIG. 4